

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062422\
 Data File : VX029765.D
 Acq On : 24 Jun 2022 11:12
 Operator : JC/MD
 Sample : VX0624MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0624MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/25/2022
 Supervised By : Semsettin Yesilyurt 06/28/2022

Quant Time: Jun 25 01:56:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	226320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	395535	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	354843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	170228	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	141544	47.247	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.500%		
35) Dibromofluoromethane	5.391	113	125346	48.628	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.260%		
50) Toluene-d8	8.653	98	466976	49.591	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.180%		
62) 4-Bromofluorobenzene	11.079	95	178104	50.154	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.300%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	57702	21.053	ug/l	99
3) Chloromethane	1.294	50	52124	17.653	ug/l	99
4) Vinyl Chloride	1.373	62	53876	19.819	ug/l	97
5) Bromomethane	1.611	94	26076	18.801	ug/l	95
6) Chloroethane	1.684	64	33432	17.917	ug/l	98
7) Trichlorofluoromethane	1.892	101	79197	20.911	ug/l	99
8) Diethyl Ether	2.135	74	31233	20.932	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.330	101	48565	20.450	ug/l	100
10) Methyl Iodide	2.452	142	45986	18.979	ug/l	99
11) Tert butyl alcohol	2.983	59	66775	96.603	ug/l	98
12) 1,1-Dichloroethene	2.318	96	48436	21.125	ug/l	94
13) Acrolein	2.239	56	10808	65.491	ug/l	91
14) Allyl chloride	2.666	41	71491	19.312	ug/l	95
15) Acrylonitrile	3.068	53	148435	105.929	ug/l	100
16) Acetone	2.385	43	118330	99.094	ug/l	99
17) Carbon Disulfide	2.513	76	113572	19.106	ug/l	99
18) Methyl Acetate	2.708	43	67662	21.431	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	166109	20.868	ug/l	99
20) Methylene Chloride	2.788	84	54907	20.645	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	52034	20.763	ug/l	99
22) Diisopropyl ether	3.763	45	154233	21.061	ug/l #	87
23) Vinyl Acetate	3.727	43	637355	104.249	ug/l	99
24) 1,1-Dichloroethane	3.617	63	90094	20.457	ug/l	99
25) 2-Butanone	4.562	43	191766	101.598	ug/l	99
26) 2,2-Dichloropropane	4.476	77	43537	12.701	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	61439	20.985	ug/l	91
28) Bromochloromethane	4.903	49	32226	19.152	ug/l	96
29) Tetrahydrofuran	5.007	42	127582	101.424	ug/l	96
30) Chloroform	5.098	83	96709	20.750	ug/l	96
31) Cyclohexane	5.470	56	80961	20.129	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	83837	20.393	ug/l	98
36) 1,1-Dichloropropene	5.696	75	69529	19.930	ug/l	98
37) Ethyl Acetate	4.720	43	74432	20.814	ug/l	98
38) Carbon Tetrachloride	5.684	117	71659	20.887	ug/l	98
39) Methylcyclohexane	7.384	83	85095	19.564	ug/l	96
40) Benzene	6.043	78	213611	20.656	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	40723	21.615	ug/l	94
42) 1,2-Dichloroethane	6.092	62	71152	20.015	ug/l	99
43) Isopropyl Acetate	6.348	43	113023	20.325	ug/l	99
44) Trichloroethene	7.128	130	60363	19.919	ug/l	92
45) 1,2-Dichloropropane	7.433	63	53142	20.953	ug/l	95
46) Dibromomethane	7.586	93	38103	20.902	ug/l	95
47) Bromodichloromethane	7.823	83	71739	20.423	ug/l	98
48) Methyl methacrylate	7.695	41	55820	20.474	ug/l	93
49) 1,4-Dioxane	7.683	88	27753	394.809	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	370942	103.496	ug/l	98
52) Toluene	8.720	92	138525	20.919	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	67138	18.914	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	77156	19.411	ug/l	98
55) 1,1,2-Trichloroethane	9.152	97	56353	21.047	ug/l	97
56) Ethyl methacrylate	9.122	69	85333	21.097	ug/l	95
57) 1,3-Dichloropropane	9.311	76	93513	20.971	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	176892	93.077	ug/l	96
59) 2-Hexanone	9.433	43	285570	105.219	ug/l	97
60) Dibromochloromethane	9.524	129	54685	21.037	ug/l	97
61) 1,2-Dibromoethane	9.610	107	60215	21.692	ug/l	100
64) Tetrachloroethene	9.274	164	55811	21.749	ug/l	97
65) Chlorobenzene	10.079	112	147094	21.130	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	52446	20.978	ug/l	100
67) Ethyl Benzene	10.195	91	264321	21.103	ug/l	100
68) m/p-Xylenes	10.305	106	202312	41.419	ug/l	97
69) o-Xylene	10.646	106	102473	21.234	ug/l	99
70) Styrene	10.658	104	168366	21.308	ug/l	99
71) Bromoform	10.805	173	36850	20.789	ug/l #	97
73) Isopropylbenzene	10.963	105	261448	20.484	ug/l	98
74) N-amyl acetate	10.847	43	90332	20.378	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	84687	20.523	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	76146m	20.533	ug/l	
77) Bromobenzene	11.201	156	61729	21.191	ug/l	96
78) n-propylbenzene	11.305	91	296642	20.636	ug/l	99
79) 2-Chlorotoluene	11.365	91	181291	20.367	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	223718	20.813	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	18157	16.288	ug/l #	87
82) 4-Chlorotoluene	11.457	91	207282	20.421	ug/l	99
83) tert-Butylbenzene	11.719	119	218090	20.809	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	223162	20.816	ug/l	99
85) sec-Butylbenzene	11.890	105	267705	20.610	ug/l	99
86) p-Isopropyltoluene	12.012	119	225056	20.693	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	115270	20.773	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	115170	20.787	ug/l	97
89) n-Butylbenzene	12.335	91	181111	19.731	ug/l	100
90) Hexachloroethane	12.542	117	31175	20.018	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	116015	21.269	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.944	75	18159	19.860	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	68027	20.451	ug/l	96
94) Hexachlorobutadiene	13.725	225	25745	18.905	ug/l	96
95) Naphthalene	13.774	128	267724	22.421	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	70935	21.293	ug/l	96

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

